

# Program of Instruction

## Course Syllabus

**Course Title:** S-190, INTRODUCTION TO WILDLAND FIRE BEHAVIOR

**Course Duration:** 7 hours

**Program:** Wildland Firefighting

**Course Description:** This course provides instruction in the primary factors affecting the start and spread of a wildfire and recognition of potentially hazardous situations. S-190 is typically taught in conjunction with or prior to Basic Firefighter Training, S-130. It is designed to meet the fire behavior training needs of a firefighter type 2 (FFT2) on an incident as outlined in the PMS 310-1, Wildland Fire Qualification System Guide and the position task book developed for the position.

**Course Requirements and/or Recommendations:** These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

### Summary of Directions

Pre-Course Work: None

Course Work: Students must obtain 70% or higher on the final exam to receive a certificate for this course.

Post-Course Work: None

**Textbook:** NWCG S-190 Introduction to Wildland Fire Behavior

### **Course Policies:**

**Safety Policy:** Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

**Course Content:**

Module: 0

Title: Introduction

Module: 1

Title: Basic Concepts of Wildland Fire

Module: 2 A

Title: Topographic Influences

Module: 2 B

Title: Fuels

Module: 2 C

Title: Weather

Module: 3

Title: Wildland Fire Behavior and Safety

**Reference List:**

PMS 310-1 Wildland and Prescribed Fire Qualification System Guide

# Course Schedule

## DAY ONE

### Event

### Duration

Module - 0 Introduction

30 minutes

Module - 1 Basic Concepts of Wildland Fire

1 hour

Module - 2a, Topographic Influences

1 hour

Module - 2b, Fuels

1 hour

### **Lunch**

Module - 2c, Weather

2 hours

Module - 3 Wildland Fire Behavior and Safety

1 hour

Final Exam

30 minutes